

## SECTION 1018—REMOVAL OF EXISTING BRIDGES OR CULVERTS

**1018.1 DESCRIPTION**—This work is the removal and disposal of existing bridges, culverts, or superstructures.

**1018.2 MATERIAL**—

- Topsoil—[Section 802.2](#)
- Seeding and Soils Supplements—[Section 804.2](#)
- Mulching—[Section 805.2](#)

**1018.3 CONSTRUCTION**—

**(a) General.** Submit a plan to the District Executive showing or describing the demolition and removal methods to be used for the removal of an existing bridge or culvert, as indicated. Do not proceed with this demolition work until the plan has been reviewed and accepted. Within the plan, provide methods for the protection and safety of the general public and public utilities.

If the structure to be removed is over or under a railroad, submit the accepted demolition plan to the railroad company's Area Engineer. Do not proceed with the demolition work until written acceptance is received from the railroad company. Provide a copy of this written acceptance to the Department. Notify the railroad company 10 days before starting demolition work. Failure to obtain the railroad company's acceptance will require an alternate plan submittal to the Department and the railroad company for review and acceptance.

After removing the existing structure, backfill the area where the existing bridge or culvert was removed, as specified in [Section 202.3\(f\)](#). Grade into the existing topography. If directed, place topsoil. Seed and provide soil supplements, as specified in [Section 804.3](#). Use a type and rate of seeding and soil supplements typical for project. Mulch with the type and rate of mulch typical for project, as specified in [Section 805.3](#).

Where the removal area coincides with new construction, backfill voids below the elevation of the bottom of the proposed footings, using acceptable material, then compact, as specified in [Section 202.3\(f\)](#).

If indicated, leave in place portions of the existing substructure that do not interfere with new construction, landscaping, or other operations. Provide documentation (photographs, survey notes) for portions of the structure to remain in place if blasting is used as a method of removal.

**(b) Structures Retained by the Department.** If indicated, remove members or parts of the structure to be retained by the Department. Match-mark the members or parts, and place them within the right of way at an indicated or directed location, within 300 m (1,000 feet) of the existing structure. If indicated, load the members or parts, haul them to, and unload them at, the indicated location. If indicated, load the members or parts on railroad cars, ready for shipment.

**(c) Structures Retained by the Contractor.** If not otherwise indicated, the Department will not retain structures, or parts of structures. Remove and dispose of the structure, or parts of the structure, in a satisfactory manner.

**1018.4 MEASUREMENT AND PAYMENT**—

**(a) Removal of Existing Bridge.** Lump Sum

When removal area coincides with excavation area of new construction, the pay limit for removal extends 300 mm (1 foot) horizontally beyond the outer limits of the structure being removed.

The Department will pay for backfilling of voids below the indicated elevation of the bottom of proposed footings for new construction as specified in [Section 1001.4\(f\)](#).

**(b) Removal of Existing Culvert. Lump Sum**

When removal area coincides with excavation area of new construction, the pay limit for removal extends 300 mm (1 foot) horizontally beyond the outer limits of the structure being removed.

The Department will pay for backfilling of voids below the indicated elevation of the bottom of proposed footings for new construction as specified in [Section 1001.4\(f\)](#).

**(c) Removal of Existing Bridge Superstructure. Lump Sum**